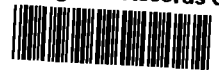


MICHIGAN SUPERFUND SITE COOPERATIVE AGREEMENT
QUARTERLY PROGRESS REPORT
STATE LEAD SITE

EPA Region 5 Records Ctr.



274099

Reporting Period: FY92, Q1

Site name: North Bronson Industrial Area CA #: V005934-01

Activity: RI/FS

Budget period ends: 12/31/91

Note: Request for date extension
is forthcoming.

WORK ACCOMPLISHED DURING REPORTING PERIOD FOR THIS SITE AND ACTIVITY:
(PROBLEMS AND DELAYS ENCOUNTERED THIS PERIOD, CORRECTIVE MEASURES
TAKEN OR PLANNED) IDENTIFY BY TASK NAME AND NUMBER:

Task 5: Phase II Site Investigation

This task has been completed with the exception of a portion of the task related to data validation which remains to be done by state contractor. The data validation itself was deleted from the scope of work for state contractor and is being done by U.S. EPA Contract Regional Laboratory.

Task 6: Community Relations

Contacts with local officials was maintained prior to and during Phase II. Contacts with the local residents was considerably enhanced by our presence in the city during the Phase II investigation. The repository was maintained for document review by local citizens. The RI Report, Feasibility Study, Proposed Plan, and ROD will be made available there.

Task 7: Remedial Investigation Report

Very little has been done, at this point, to add to the data acquired under Phase I. As Phase II data becomes available it will be incorporated into the draft RI Report.

Task 8: RI Project Management

This task has been ongoing throughout the entire Phase II investigation.

PERCENTAGE OF **ACTIVITY SCHEDULED** TO BE COMPLETED: 50%

PERCENTAGE OF ACTIVITY ACTUALLY COMPLETED: 45%

EXPLANATION OF SIGNIFICANT DIFFERENCE: Past delays were related to Phase I. Phase II Work is proceeding on schedule.

FOR **EACH OF THE ABOVE TASKS**, IDENTIFY THE FOLLOWING:

TASK NAME AND BUDGETED AMOUNT: (Note: Includes both contractual
and state costs)

Task 5: Phase II Site Investigation - \$450,000

Task 6: Community Relations - \$15,000

Task 7: RI Report - \$100,000

Task 8: RI Project Management - \$100,000

ESTIMATED EXPENDITURES THIS QUARTER:

Task 5: \$410,000

Task 6: \$ 3,000

Task 7: \$ 10,000

Task 8: \$ 25,000

ESTIMATED EXPENDITURES TO DATE:

Task 5: \$420,000
Task 6: \$ 3,000
Task 7: \$ 15,000
Task 8: \$ 30,000

PLANNED EXPENDITURES TO DATE:

Task 5: \$450,000
Task 6: \$ 5,000
Task 7: \$100,000
Task 8: \$100,000

EXPLANATION OF SIGNIFICANT DIFFERENCES:

Differences due to problems and delays encountered during Phase I (see previous reports). A revised schedule is being prepared, along with a request to extend the project period. When that is submitted and approved, future reports will reflect that the project is back on schedule.

TOTAL FUNDING FOR THIS ACTIVITY: \$ 1,400,000

ESTIMATED EXPENDITURES THIS QUARTER: \$448,000

ESTIMATED EXPENDITURES TO DATE FOR THIS ACTIVITY (RI/FS): \$880,000

TIME AND FUNDS REMAINING (BALANCE):\$520,000, project period has expired.

ESTIMATED TIME AND FUNDS NEEDED TO COMPLETE REQUIRED WORK: 24 months, \$520,000

EXPLANATION OF ANY SIGNIFICANT DISCREPANCY/JUSTIFICATION FOR INCREASE:

A request for project period extension is forthcoming.

Prepared by Brady W. Boyce Date 2/14/92
(Project Manager)
Approved by William Bradford Date 2/18/92
(Supervisor)

**MICHIGAN SUPERFUND SITE COOPERATIVE AGREEMENT
QUARTERLY PROGRESS REPORT
STATE LEAD SITE**

Reporting Period: FY92, Q2

Site name: North Bronson Industrial Area **CA #:** V005934-01

Activity: RI/FS

Budget period ends: 12/31/91

Note: Request for date extension
has been prepared.

WORK ACCOMPLISHED DURING REPORTING PERIOD FOR THIS SITE AND ACTIVITY:
(PROBLEMS AND DELAYS ENCOUNTERED THIS PERIOD, CORRECTIVE MEASURES
TAKEN OR PLANNED) **IDENTIFY BY TASK NAME AND NUMBER:**

Task 5: Phase II Site Investigation
This task has been completed.

Task 6: Community Relations
Contacts with local officials has been maintained.

Task 7: Remedial Investigation Report
As Phase II validated analytical data was received it was forwarded to
state contractor for incorporation into the draft RI Report.
Measurements of the static water levels of the monitor wells and
piezometers was taken by MDNR in April and was provided to Warzyn for
incorporation into the RI Report. Reviewed and commented to Warzyn on
their proposed Table of Contents for the RI Report.

Task 8: Baseline Risk Assessment
This task has been initiated by state contractor.

PERCENTAGE OF **ACTIVITY SCHEDULED** TO BE COMPLETED: 70%
PERCENTAGE OF ACTIVITY ACTUALLY COMPLETED: 55%
EXPLANATION OF SIGNIFICANT DIFFERENCE: Past delays were related to Phase
I.
Phase II Work was completed on schedule and the draft RI Report is due in
August of 1992. An amendment to the project schedule has been prepared.

FOR EACH OF THE ABOVE TASKS, IDENTIFY THE FOLLOWING:

TASK NAME AND BUDGETED AMOUNT: (Note: Includes both contractual
and state costs)

Task 5: Phase II Site Investigation - \$480,000
Task 6: Community Relations - \$10,000
Task 7: RI Report - \$150,000
Task 8: Baseline Risk Assessment - \$60,000

ESTIMATED EXPENDITURES THIS QUARTER:

Task 5: \$ 70,000
Task 6: \$ 1,000
Task 7: \$ 10,000
Task 8: \$ 2,000

ESTIMATED EXPENDITURES TO DATE:

Task 5: \$480,000

Task 6: \$ 4,000
Task 7: \$ 15,000
Task 8: \$ 2,000

PLANNED EXPENDITURES TO DATE:

Task 5: \$480,000
Task 6: \$ 5,000
Task 7: \$100,000
Task 8: \$ 10,000

EXPLANATION OF SIGNIFICANT DIFFERENCES:

Differences due to problems and delays encountered during Phase I (see previous reports). A revised schedule is being prepared, along with a request to extend the project period. When that is submitted and approved, future reports will reflect that the project is back on schedule.

TOTAL FUNDING FOR THIS ACTIVITY: \$1,400,000
ESTIMATED EXPENDITURES THIS QUARTER: \$83,000
ESTIMATED EXPENDITURES TO DATE FOR THIS ACTIVITY (RI/FS): \$920,000

TIME AND FUNDS REMAINING (BALANCE): \$480,000

ESTIMATED TIME AND FUNDS NEEDED TO COMPLETE REQUIRED WORK: 24 months, \$480,000

EXPLANATION OF ANY SIGNIFICANT DISCREPANCY/JUSTIFICATION FOR INCREASE:
A request for project period extension is forthcoming.

Prepared by Brady W Boyce Date 6/24/92
(Project Manager)
Approved by George Carpenter Date 6/24/92
(Supervisor)

**MICHIGAN SUPERFUND SITE COOPERATIVE AGREEMENT
QUARTERLY PROGRESS REPORT
STATE LEAD SITE**

*May: For
your files.*

Reporting Period: FY92, Q3

Site name: North Bronson Industrial Area **CA #:** V005934-01

Activity: RI/FS

Budget period ends: 12/31/91

Note: Request for date extension
was recently submitted.

Copy

WORK ACCOMPLISHED DURING REPORTING PERIOD FOR THIS SITE AND ACTIVITY:
(PROBLEMS AND DELAYS ENCOUNTERED THIS PERIOD, CORRECTIVE MEASURES
TAKEN OR PLANNED) **IDENTIFY BY TASK NAME AND NUMBER:**

Task 5: Phase II Site Investigation

This task has been completed.

Task 6: Community Relations

Contacts with local officials has been maintained. Continued work on the
community relations plan for this site.

Task 7: Remedial Investigation Report

As Phase II validated analytical data was received it was forwarded to
state contractor for incorporation into the draft RI Report.
Measurements of the static water levels of the monitor wells and
piezometers was taken by MDNR in April and again in June. This data
provided to Warzyn for incorporation into the RI Report. Reviewed and
commented to Warzyn on their proposed Table of Contents for the RI
Report. State contractor finished peer review of draft RI Report and
final revisions to the draft RI Report are in process.

*No. of people on
trip: No. of hours
in field*

Task 8: Baseline Risk Assessment

This task is undergoing internal peer review by the state contractor.
The draft RA is targeted for submittal is late-August/early September
1992.

Other Actions: Contacted property owner about the need to enclose and
secure the Douglas Components State Street Facility (owned by Universal
Components). This was undertaken voluntarily by owners. Demolition of
wooden structure will follow this fall (also by owners) to remove the
threat of fire this structure poses to surrounding neighborhood.

PERCENTAGE OF ACTIVITY SCHEDULED TO BE COMPLETED: 75%

PERCENTAGE OF ACTIVITY ACTUALLY COMPLETED: 65%

EXPLANATION OF SIGNIFICANT DIFFERENCE: Past delays were related to Phase I.
Phase II Work was completed on schedule and the draft RI Report is due in
August of 1992. An amendment to the project schedule has been
prepared and submitted to the EPA during this quarter.

FOR EACH OF THE ABOVE TASKS, IDENTIFY THE FOLLOWING:

TASK NAME AND BUDGETED AMOUNT: (Note: Includes both contractual
and state costs)

Task 5: Phase II Site Investigation - \$480,000

Task 6: Community Relations - \$10,000

Task 7: RI Report - \$150,000

Task 8: Baseline Risk Assessment - \$60,000

ESTIMATED EXPENDITURES THIS QUARTER:

Task 5: \$ 0
Task 6: \$ 1,000
Task 7: \$ 44,700
Task 8: \$ 20,000

ESTIMATED EXPENDITURES TO DATE:

Task 5: \$480,000
Task 6: \$ 5,000
Task 7: \$ 59,700
Task 8: \$ 22,000

PLANNED EXPENDITURES TO DATE:

Task 5: \$480,000
Task 6: \$ 7,000
Task 7: \$120,000
Task 8: \$ 40,000

EXPLANATION OF SIGNIFICANT DIFFERENCES:

Differences due to problems and delays encountered during Phase I (see previous reports). A revised schedule and task expenditure information has been submitted to the EPA, along with a request to extend the project period. When that is approved, future reports will reflect that the project is back on schedule.

TOTAL FUNDING FOR THIS ACTIVITY: \$1,400,000

ESTIMATED EXPENDITURES THIS QUARTER: \$65,700

ESTIMATED EXPENDITURES TO DATE FOR THIS ACTIVITY (RI/FS): \$985,700

TIME AND FUNDS REMAINING (BALANCE): \$414,300 (Note: Budget Period expired 12/31/91).

ESTIMATED TIME AND FUNDS NEEDED TO COMPLETE REQUIRED WORK: 21 months, \$414,000

EXPLANATION OF ANY SIGNIFICANT DISCREPANCY/JUSTIFICATION FOR INCREASE:

A request for project period extension has been submitted. No additional funding is necessary at this time.

Prepared by

Brady W. Boyce
(Project Manager)

Date

8/25/92

Approved by

[Signature]
(Supervisor)

Date

8-25-92

rev. 1/92

11.1 AL ION	TASK 11.2 IDENTIFY VOLUMES	
0	0	
4	4	
16	32	
0	0	
0	0	
4		
24	50	
0.00	00 00	
20	\$129.20	
0.00	\$771.20	
0.00	00 00	
0.00	\$183.50	

PHASE II RI/PS COST ESTIMATE M. DRUMSON INDUSTRIAL AREA													EXHIBIT A				PHASE II				PHASE III								
TASK 5.1 DEVELOP PLANS													TASK 5.2 SITE RE-MOD	TASK 5.3 WELL DRILLING	TASK 5.4 LOC & ELEV SURVEY	TASK 5.5 BRAIN SAMPLING	TASK 5.6 WASTE CHARACT	TASK 5.7 GROUNDWATER SAMPLING	TASK 5.8 WATER LEVELS	TASK 5.9 DATA VALID	TASK 5.10 TECH REMO	TASK 5.11 PHASE II PROJ RGT	PHASE II TOTAL	TASK 9 UNDANGEROUS ASSESSMENT	TASK 10 DEVELOP OBJECT	TASK 11.1 GENERAL ACTION	TASK 11.2 IDENTIFY VOLUMES		
Labor (hrs)																													
P4													25	5	15	3	2	2	10	2	30	30	75	139	10	0	0	0	
P3													70	7	10	5	5	5	30	5	60	65	185	447	30	10	4	4	
P2													140	30	200	10	40	36	180	50	240	130	95	1151	400	60	16	32	
P1													100	0	100	0	40	36	160	0	120	120	60	816	0	0	0	0	
T3													50	10	0	0	5	5	140	0	60	45	0	323	0	0	0	0	
OFFICE													65	2	1	3	3	2	10	3	20	50	75	240	55	4	4	4	
TOTAL LABOR													450	54	420	21	95	86	530	60	530	440	490	3176	495	74	24	50	
P4													\$43.42	\$1,085.50	\$211.10	\$651.30	\$130.26	\$86.84	\$434.20	\$86.84	\$1,302.60	\$1,302.60	\$3,256.50	\$8,610.50	\$434.20	\$0.00	\$0.00	\$0.00	
P3													\$32.30	\$2,261.00	\$226.10	\$323.00	\$161.50	\$161.50	\$969.00	\$161.50	\$1,930.00	\$2,099.50	\$5,975.50	\$14,438.10	\$969.00	\$323.00	\$129.20	\$129.20	
P2													\$24.10	\$3,374.00	\$723.00	\$4,020.00	\$241.00	\$964.00	\$867.60	\$4,330.00	\$1,205.00	\$5,784.00	\$3,133.00	\$2,289.50	\$27,739.10	\$9,640.00	\$1,446.00	\$385.60	\$771.20
P1													\$17.85	\$1,785.00	\$0.00	\$3,213.00	\$0.00	\$714.00	\$642.60	\$2,856.00	\$0.00	\$2,142.00	\$2,142.00	\$1,071.00	\$14,565.60	\$0.00	\$0.00	\$0.00	\$0.00
T3													\$10.35	\$917.50	\$183.50	\$140.00	\$0.00	\$91.75	\$91.75	\$2,569.00	\$0.00	\$1,181.00	\$825.75	\$0.00	\$5,927.85	\$0.00	\$0.00	\$0.00	\$183.50
OFFICE													\$10.83	\$690.95	\$21.28	\$74.41	\$31.89	\$31.89	\$21.26	\$106.30	\$31.89	\$212.60	\$531.50	\$797.25	\$2,551.20	\$584.65	\$12.52	\$42.52	\$42.52
Total Dir Labor Cost													\$10,113.95	\$1,370.96	\$9,220.51	\$564.65	\$2,049.98	\$1,871.55	\$11,272.50	\$1,485.23	\$12,480.20	\$10,034.35	\$13,389.75	\$73,861.63	\$11,627.85	\$1,811.52	\$557.32	\$1,126.42	
Direct Labor Overhead 0.61													\$6,169.51	\$836.28	\$5,829.39	\$344.44	\$1,250.49	\$1,141.65	\$6,876.22	\$905.99	\$7,612.92	\$6,120.95	\$8,167.75	\$45,855.59	\$7,892.99	\$1,105.83	\$339.97	\$687.12	
GSA Overhead 1.25													\$12,642.44	\$1,713.70	\$11,535.64	\$705.81	\$2,562.40	\$2,339.44	\$14,090.63	\$1,856.54	\$15,600.25	\$12,542.94	\$16,737.19	\$92,327.84	\$14,534.81	\$2,264.40	\$696.85	\$1,400.83	
TOTAL LABOR COST													\$28,925.90	\$3,920.95	\$26,393.54	\$1,614.90	\$5,862.94	\$5,352.63	\$32,239.35	\$4,247.76	\$35,693.17	\$28,698.24	\$38,294.69	\$211,244.26	\$33,255.65	\$5,188.95	\$1,593.94	\$3,221.56	
Expense Item																													
Transportation													\$1,500.00	\$400.00	\$2,500.00	\$250.00	\$250.00	\$200.00	\$1,750.00	\$100.00	\$250.00	\$750.00	\$320.00	\$9,470.00	\$705.00	\$0.00	\$0.00	\$0.00	
Subsistence													\$750.00	\$240.00	\$3,300.00	\$240.00	\$240.00	\$240.00	\$2,400.00	\$40.00	\$240.00	\$300.00	\$120.00	\$8,110.00	\$186.00	\$0.00	\$0.00	\$0.00	
Trailer													\$0.00	\$7,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,000.00	\$0.00	\$0.00	\$0.00	\$0.00	
Health & Safety													\$0.00	\$0.00	\$3,000.00	\$0.00	\$100.00	\$400.00	\$4,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,800.00	\$0.00	\$0.00	\$0.00	\$0.00	
Special Equipment													\$0.00	\$0.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$0.00	
Shipping													\$200.00	\$400.00	\$750.00	\$0.00	\$2,000.00	\$0.00	\$9,900.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,250.00	\$212.00	\$0.00	\$0.00	\$0.00	
Computer Usage													\$360.00	\$80.00	\$20.00	\$0.00	\$80.00	\$0.00	\$75.00	\$0.00	\$1,500.00	\$450.00	\$250.00	\$2,815.00	\$636.00	\$59.00	\$59.00	\$0.00	
Word Processing													\$360.00	\$25.00	\$30.00	\$0.00	\$30.00	\$30.00	\$55.00	\$0.00	\$300.00	\$300.00	\$50.00	\$2,800.00	\$1,613.00	\$53.00	\$53.00	\$53.00	
Copies/Phone													\$200.00	\$25.00	\$25.00	\$0.00	\$50.00	\$35.00	\$55.00	\$0.00	\$550.00	\$550.00	\$400.00	\$1,890.00	\$1,600.00	\$106.00	\$106.00	\$106.00	
Field Parameters													\$0.00	\$0.00	\$0.00	\$0.00	\$100.00	\$0.00	\$550.00	\$0.00	\$0.00	\$0.00	\$0.00	\$650.00	\$0.00	\$0.00	\$0.00	\$0.00	
Miscellaneous													\$350.00	\$700.00	\$750.00	\$150.00	\$315.00	\$150.00	\$1,500.00	\$100.00	\$350.00	\$300.00	\$1,000.00	\$5,665.00	\$500.00	\$50.00	\$50.00	\$50.00	
TOTAL EXPENSE COST													\$3,720.00	\$8,870.00	\$11,875.00	\$640.00	\$3,465.00	\$1,055.00	\$20,285.00	\$240.00	\$3,640.00	\$2,650.00	\$2,790.00	\$59,230.00	\$5,402.00	\$268.00	\$268.00	\$268.00	
Subcontracts																													
KAPOR													\$0.00	\$0.00	\$85,000.00	\$8,500.00	\$0.00	\$0.00	\$0.00	\$8,500.00	\$0.00	\$0.00	\$15,000.00	\$117,000.00	\$0.00	\$0.00	\$0.00	\$0.00	
ENG. INTERN.													\$0.00	\$0.00	\$15,000.00	\$0.00	\$5,000.00	\$5,000.00	\$20,000.00	\$0.00	\$0.00	\$0.00	\$7,000.00	\$50,000.00	\$0.00	\$0.00	\$0.00	\$0.00	
TOTAL SUBCONTRACTS COST													\$0.00	\$0.00	\$90,000.00	\$8,500.00	\$5,000.00	\$5,000.00	\$20,000.00	\$8,500.00	\$0.00	\$0.00	\$22,000.00	\$167,000.00	\$0.00	\$0.00	\$0.00	\$0.00	
Fee																													
Labor													0.10	\$2,892.59	\$392.09	\$2,639.35	\$161.49	\$586.29	\$535.26	\$3,223.94	\$424.78	\$3,569.34	\$2,869.82	\$3,829.47	\$21,124.43	\$3,325.57	\$518.09	\$159.39	\$322.16
Expense													0.10	\$372.00	\$887.00	\$1,181.50	\$64.00	\$346.50	\$105.50	\$2,020.50	\$24.00	\$364.00	\$265.00	\$279.00	\$5,923.00	\$540.20	\$26.80	\$26.80	\$26.80
Subcon.													0.05	\$0.00	\$0.00	\$4,900.00	\$425.00	\$250.00	\$250.00	\$1,000.00	\$425.00	\$0.00	\$0.00	\$1,100.00	\$8,350.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL FEE													\$3,264.59	\$1,279.09	\$8,726.85	\$650.49	\$1,182.79	\$890.76	\$6,252.44	\$873.78	\$3,933.34	\$3,134.82	\$5,208.47	\$35,397.43	\$3,865.77	\$544.89	\$186.19	\$748.96	
TOTAL EST SUBTASK COST													\$35,910.49	\$14,670.04	\$14,995.39	\$11,405.39	\$15,510.74	\$12,298.40	\$78,776.79	\$13,861.53	\$43,266.71	\$34,483.07	\$68,293.15	\$472,871.63	\$47,922.42	\$5,993.84	\$2,048.13	\$3,030.12	

BUDGET DETAIL
NORTH BRONSON INDUSTRIAL AREA PROJECT
BRANCH COUNTY, MICHIGAN

REMEDIAL INVESTIGATION/FEASIBILITY STUDY
CAA INFORMATION

Personnel \$ 85,631

<u>Approximate FTE (2 years)</u>	<u>Class & Level</u>	<u>Salary/Year</u>	<u>Cost (2 years)</u>
0.375	Geologist VI	\$33,492	\$ 25,119
0.04	Laboratory Scientist VII	36,498	2,920
0.375	Environmental Quality Analyst VI	33,492	25,119
0.03	Environmental Engineer VI	35,767	2,146
0.02	Water Quality Technician IV	26,852	1,074
0.125	Secretary IV	23,782	5,946
0.02	Student Aide IV	18,658	746
0.10	Aquatic Biologist VI	33,492	6,698
0.01	Environmental Quality Manager IX	43,200	864
	Overtime @ \$25/hour x 600 hours		15,000

Fringes \$ 26,717

Based on a rate of 31.2% of salaries and wages. Comprised of
10.69% for insurance and 20.51% for retirement and FICA.

Travel \$ 16,475

105 trips to North Bronson site and vicinity @ \$58/trip (.29/mile)	6,090
220 lunches @ \$5.50	1,210
55 dinners @ \$11.75	646
55 breakfasts @ \$4.50	248
18 overnight trips for 2 people @ \$60 each	1,080
3 roundtrip air trips to Chicago for 3 people @ \$400 each	3,600
3 roundtrip air trips to Madison, Wisconsin, for 3 people @ \$400 each	3,600

Equipment -0-

Supplies \$ 5,000

tyveks, saranacs, respirator cartridges, duct tape, oxygen,
one engineering/map cabinet, trailer supplies (mops, brooms,
wastebaskets, etc.)

BUDGET DETAIL
NORTH BRONSON INDUSTRIAL AREA PROJECT
BRANCH COUNTY, MICHIGAN

REMEDIAL INVESTIGATION/FEASIBILITY STUDY
CAA INFORMATION
(page 2)

Contractual \$570,673

See Attachment A for detail.

Other (includes community relations costs) \$ 25,000

telephone, electricity, heat, MDNR analysis, mailings/postage,
ads in papers for public meetings, dumpster, coolers, porta-
john, photo develop./reprod., hall rentals, photocopying costs
(In accordance with OMB Circular A-87, \$900 is budgeted for
audit cost based upon the rate of .12% of total costs as nego-
tiated with the U.S. Department of the Interior.)

Indirect Costs \$ 20,504

For budget purposes, the Fiscal Year 1986-87 rate of 18.25%
of salaries and fringes is used.

TOTAL COSTS \$750,000

**MICHIGAN SUPERFUND SITE COOPERATIVE AGREEMENT
QUARTERLY PROGRESS REPORT
STATE LEAD SITE**

Reporting Period: FY92, Q3

Site name: North Bronson Industrial Area **CA #:** V005934-01

Activity: RI/FS

Budget period ends: 12/31/91

Note: Request for date extension
was recently submitted.

WORK ACCOMPLISHED DURING REPORTING PERIOD FOR THIS SITE AND ACTIVITY:
(PROBLEMS AND DELAYS ENCOUNTERED THIS PERIOD, CORRECTIVE MEASURES
TAKEN OR PLANNED) **IDENTIFY BY TASK NAME AND NUMBER:**

Task 5: Phase II Site Investigation

This task has been completed.

Task 6: Community Relations

Contacts with local officials has been maintained. Continued work on the
community relations plan for this site.

Task 7: Remedial Investigation Report

As Phase II validated analytical data was received it was forwarded to
state contractor for incorporation into the draft RI Report.
Measurements of the static water levels of the monitor wells and
piezometers was taken by MDNR in April and again in June. This data
provided to Warzyn for incorporation into the RI Report. Reviewed and
commented to Warzyn on their proposed Table of Contents for the RI
Report. State contractor finished peer review of draft RI Report and
final revisions to the draft RI Report are in process.

Task 8: Baseline Risk Assessment

This task is undergoing internal peer review by the state contractor.
The draft RA is targeted for submittal is late-August/early September
1992.

Other Actions: Contacted property owner about the need to enclose and
secure the Douglas Components State Street Facility (owned by Universal
Components). This was undertaken voluntarily by owners. Demolition of
wooden structure will follow this fall (also by owners) to remove the
threat of fire this structure poses to surrounding neighborhood.

PERCENTAGE OF ACTIVITY SCHEDULED TO BE COMPLETED: 75%

PERCENTAGE OF ACTIVITY ACTUALLY COMPLETED: 65%

EXPLANATION OF SIGNIFICANT DIFFERENCE: Past delays were related to Phase I.
Phase II Work was completed on schedule and the draft RI Report is due in
August of 1992. An amendment to the project schedule has been
prepared and submitted to the EPA during this quarter.

FOR EACH OF THE ABOVE TASKS, IDENTIFY THE FOLLOWING:

TASK NAME AND BUDGETED AMOUNT: (Note: Includes both contractual
and state costs)

Task 5: Phase II Site Investigation - \$480,000

Task 6: Community Relations - \$10,000

Task 7: RI Report - \$150,000

Task 8: Baseline Risk Assessment - \$60,000

ESTIMATED EXPENDITURES THIS QUARTER:

Task 5: \$ 0
Task 6: \$ 1,000
Task 7: \$ 44,700
Task 8: \$ 20,000

ESTIMATED EXPENDITURES TO DATE:

Task 5: \$480,000
Task 6: \$ 5,000
Task 7: \$ 59,700
Task 8: \$ 22,000

PLANNED EXPENDITURES TO DATE:

Task 5: \$480,000
Task 6: \$ 7,000
Task 7: \$120,000
Task 8: \$ 40,000

EXPLANATION OF SIGNIFICANT DIFFERENCES:

Differences due to problems and delays encountered during Phase I (see previous reports). A revised schedule and task expenditure information has been submitted to the EPA, along with a request to extend the project period. When that is approved, future reports will reflect that the project is back on schedule.

TOTAL FUNDING FOR THIS ACTIVITY: \$1,400,000

ESTIMATED EXPENDITURES THIS QUARTER: \$65,700

ESTIMATED EXPENDITURES TO DATE FOR THIS ACTIVITY (RI/FS): \$985,700

TIME AND FUNDS REMAINING (BALANCE): \$414,300 (Note: Budget Period expired 12/31/91).

ESTIMATED TIME AND FUNDS NEEDED TO COMPLETE REQUIRED WORK: 21 months, \$414,000

EXPLANATION OF ANY SIGNIFICANT DISCREPANCY/JUSTIFICATION FOR INCREASE:

A request for project period extension has been submitted. No additional funding is necessary at this time.

Prepared by Brady W. Boyce Date 8/25/92
(Project Manager)

Approved by [Signature] Date 8-25-92
(Supervisor)

rev. 1/92

**MICHIGAN SUPERFUND SITE COOPERATIVE AGREEMENT
QUARTERLY PROGRESS REPORT
STATE LEAD SITE**

Reporting Period: FY92, Q4

Site name: North Bronson Industrial Area **CA #:** V005934-01

Activity: RI/FS

Budget period ends: 6/30/94

WORK ACCOMPLISHED DURING REPORTING PERIOD FOR THIS SITE AND ACTIVITY:
(PROBLEMS AND DELAYS ENCOUNTERED THIS PERIOD, CORRECTIVE MEASURES
TAKEN OR PLANNED) **IDENTIFY BY TASK NAME AND NUMBER:**

Task 5: Phase II Site Investigation

This task has been completed.

Task 6: Community Relations

Considerable work on the Community Relations Plan was done this period.
The Community Relations Plan will be submitted to the EPA next quarter.

Task 7: Remedial Investigation Report

State contractor (Warzyn) completed the draft Remedial Investigation Report (RI) during July and August. The draft RI was submitted to the MDNR in September. MDNR distributed the document as appropriate for review, including copies to the EPA. MDNR began internal review of the draft RI.

Task 8: Baseline Risk Assessment

This document was submitted to the MDNR in September by Warzyn. It was also distributed for review, including to the EPA. Internal review by the MDNR was also initiated.

PERCENTAGE OF **ACTIVITY SCHEDULED** TO BE COMPLETED: 75%

PERCENTAGE OF ACTIVITY ACTUALLY COMPLETED: 75%

EXPLANATION OF SIGNIFICANT DIFFERENCE: N/A

FOR **EACH OF THE ABOVE TASKS**, IDENTIFY THE FOLLOWING:

TASK NAME AND BUDGETED AMOUNT: (Note: Includes both contractual
and state costs)

Task 5: Phase II Site Investigation - \$350,000

Task 6: Community Relations - \$15,000

Task 7: RI Report - \$150,000

Task 8: Baseline Risk Assessment - \$95,000

ESTIMATED EXPENDITURES THIS QUARTER:

Task 5: \$ 0

Task 6: \$ 3,000

Task 7: \$ 45,000

Task 8: \$ 25,000

ESTIMATED EXPENDITURES TO DATE:

Task 5: \$350,000

Task 6: \$ 10,000

Task 7: \$140,000

Task 8: \$ 85,000

PLANNED EXPENDITURES TO DATE:

Task 5: \$350,000
Task 6: \$ 10,000
Task 7: \$140,000
Task 8: \$ 85,000

EXPLANATION OF SIGNIFICANT DIFFERENCES:

Due to the receipt of an amendment to this Cooperative Agreement (September 10, 1992), both the project budget and project schedule were adjusted to reflect current status. This explains why the estimated and planned expenditures are the same. As the project moves along, there may be some departure from planned budget and schedule, and if so, this will be reflected in future reports.

TOTAL FUNDING FOR THIS ACTIVITY: \$1,400,000

ESTIMATED EXPENDITURES THIS QUARTER: \$73,000

ESTIMATED EXPENDITURES TO DATE FOR THIS ACTIVITY (RI/FS): \$1,058,700

TIME AND FUNDS REMAINING (BALANCE): \$341,300

ESTIMATED TIME AND FUNDS NEEDED TO COMPLETE REQUIRED WORK: 21 months,
\$340,000

EXPLANATION OF ANY SIGNIFICANT DISCREPANCY/JUSTIFICATION FOR INCREASE:
N/A

Prepared by B. Boyle Date 11-16-92
(Project Manager)

Approved by _____ Date _____
(Supervisor)